

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An adaptor for coupling a dental irrigation tip to an ultrasonic dental scaler handpiece, said dental scaler handpiece including ultrasonic vibration means, said dental handpiece being connectable to a power source for actuating said ultrasonic vibration means, said irrigation tip including a through bore, said dental handpiece including a conduit in fluid communication with a fluid source and in fluid communication with said adaptor, said adaptor consisting of:

an elongated body having a distal end for connection to said irrigation tip, ~~and a~~ press-fitting proximal end for connection to said dental handpiece, said proximal end being adapted for securely matingly said elongated body to said handpiece, said distal end being adapted for securely matingly said elongated body to said irrigation tip, ~~said elongated body further comprising~~ and a through bore located within said elongated body, said through bore in fluid communication with said conduit of said dental handpiece and said through bore of said irrigation tip, wherein said elongate body being adapted to directly connect said handpiece to said dental irrigation tip in a fluid-tight manner.

2. (Cancelled)

3. (Original) The adaptor according to claim 1 wherein said adaptor is plastic.

4. (Original) The adaptor according to claim 1 wherein said adaptor is autoclavable.

5. (Currently Amended) An adaptor for use with an ultrasonic dental handpiece and a dental irrigation tip, said adaptor converting said ultrasonic dental handpiece to a dental irrigation device, said adaptor consisting of:

~~an~~ a plastic elongated body having a through bore for fluid communication between said ultrasonic dental handpiece and said dental irrigation tip, said elongated body securely and matingly directly connecting said handpiece to said dental irrigation tip.

6 - 8 (Cancelled)

9. (Currently amended) A disposable adaptor for coupling a dental irrigation tip to an ultrasonic dental scaler handpiece, said dental scaler handpiece including ultrasonic vibration means, said dental handpiece being connectable to a power source for actuating said ultrasonic vibration means, said irrigation tip including a through bore, said dental handpiece including a conduit in fluid communication with a fluid source and in fluid communication with said adaptor, said adaptor consisting of:

an elongated body having a female LUER-LOK®-style distal end for connection to said irrigation tip, ~~and~~ a proximal end for connection to said dental handpiece, said proximal end adapted to securely and directly connect said elongated body to said handpiece, said distal end adapted to securely connect said elongated body to said irrigation tip, ~~said elongated body further comprising and~~ a through bore located within said elongated body, said through bore in fluid communication with said conduit of said dental handpiece and said through bore of said irrigation tip.